



UNIVERSITI
TEKNOLOGI
PETRONAS

Course:

TEB 3133: Data Visualization – May 2022

Task:

Project Proposal

Group No:

14

Group Members:

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1. Title

The Analysis of COVID-19 Vaccination Against Death Rate in Malaysia

2. Background of Study

With the sudden wave of the COVID-19 pandemic, our lives have drastically changed where strict compliance to the standard operating procedures has been enforced to control and contain the outbreak of the COVID-19 pandemic. The SOP includes wearing a facemask, sanitise frequently and always maintain a 1-meter social distancing. In addition, getting a dose of vaccination to boost our immunity system is also a viable method to safeguard ourselves from getting infected. However, to truly understand the effectiveness of the getting an immunity dose, we must be able to relate the vaccination rate together with the death rate due to COVID-19 to present a sound hypothesis that getting a booster dose will decrease the potential outcome of death due to the COVID-19 infection.

3. Objective

- I. To analyse the relationship between the vaccination rate with the rate of death caused by COVID-19 pandemic in Malaysia.
- II. To explore and to study the patterns of death rate during the COVID-19 pandemic in Malaysia.
- III. To visualize and present a comprehensive report on the findings on the relationship between the Vaccination Rate and Death Rate due to COVID-19.

4. Theme and Domain

Healthcare (specifically COVID-19 in Malaysia)

5. Proposed Dataset

Extracted from MOH's GitHub page:

<https://github.com/MoH-Malaysia/covid19-public>